

CraneSTAR

A New Era of Crane Management



Ultimate crane monitoring, wherever you are

Manitowoc CraneSTAR is the most extensive crane asset management system available today, leading the future of data monitoring and utilization planning for crane owners around the world. With CraneSTAR, you can track the productivity, security and performance of your equipment virtually anywhere. That means you can focus more on growing your business and your bottom line.





Why use CraneSTAR?

Key features and benefits

CraneSTAR gives you up-to-date crane fleet information, no matter where you or your cranes are located. You can monitor your asset's current location and working conditions; plan maintenance and verify working hours; and maximize your company's efficiency, productivity and profitability.

Other benefits include:

Fleet Management – Improves your asset utilization

Machine Location – Allows you to identify where your equipment is working, anywhere around the globe

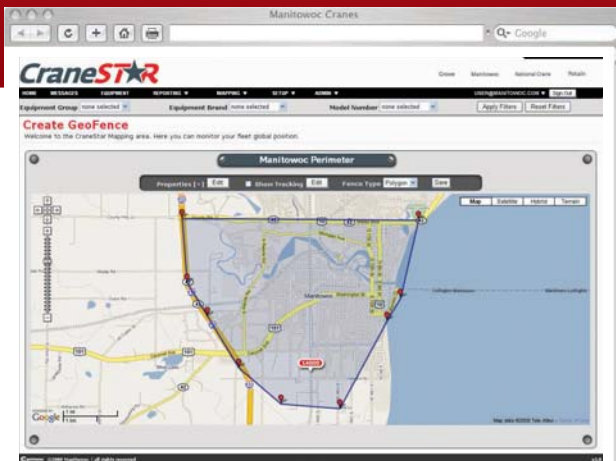
Lift Monitoring – Reports exact amount your crane is lifting

Work Monitoring – See how productive your cranes are with real data

Machine Performance and Maintenance – Be assured your cranes are working in top shape

Machine data anywhere, anytime

CraneSTAR puts your crane data right at your fingertips, wherever you are. Using a world-wide cellular data transmission network, you can monitor where your cranes are working, their fuel status, their working status, their load capacity and more. With CraneSTAR, you can effectively manage your fleet and easily track equipment activity. It provides actual operating data that can be used to increase productivity and profitability so you can feel confident about your business.



How does CraneSTAR work?

1. The CraneSTAR components monitor operational conditions
2. The CraneSTAR unit sends the crane's data via the local cellular network
3. The communication transfer lets you access your information from anywhere

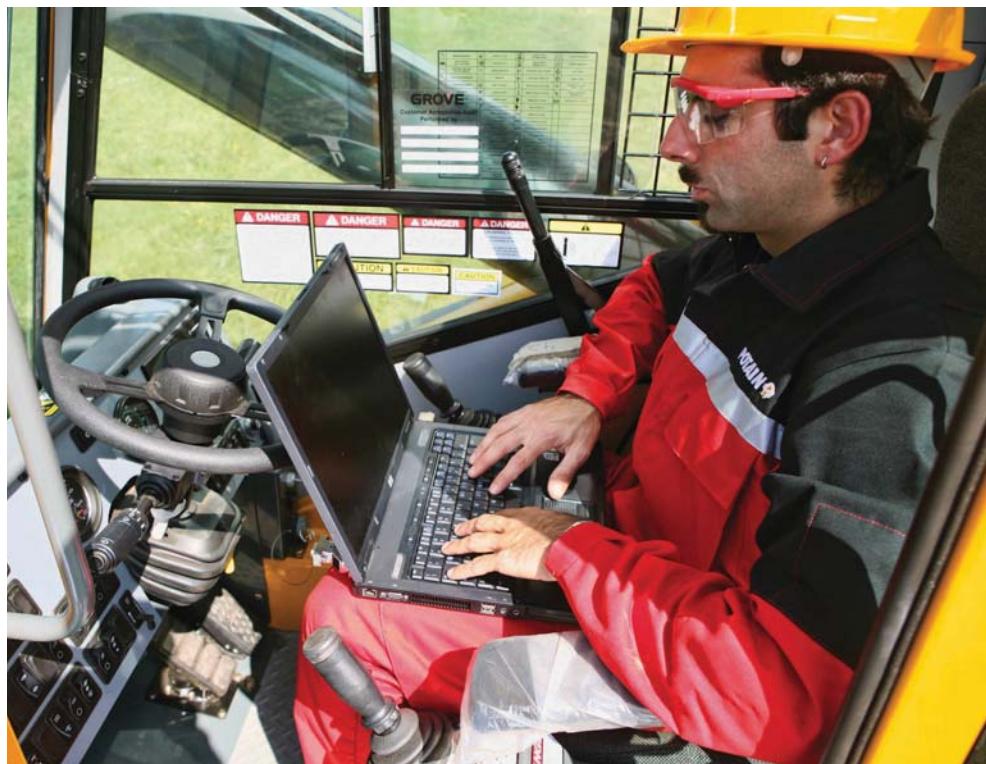


How CraneSTAR helps you... make more money

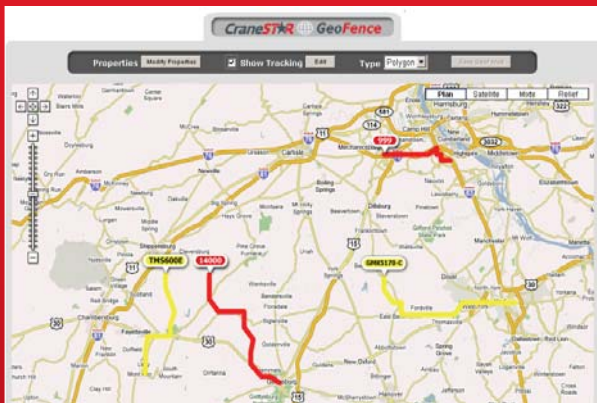
When you know the working status of your equipment, you can make choices that positively impact your profits and productivity. CraneSTAR provides you with a working record of:

- Fuel consumption per hour
- Crane work time
- Operation status
- Load levels and information
- Cautions and alerts
- Service Meter Readings (SMR)

Knowing how your cranes are working helps you decide how you can better use your equipment, reduce downtime and become more efficient. Only CraneSTAR can give you the ultimate peace of mind and the answers you need to make more profitable business decisions.



How CraneSTAR helps you... keep your crane secure



Manitowoc knows that the security of your crane is a top priority. With CraneSTAR, you are ensured a number of measures that reduce the possibility of misuse or theft, including:

- Interactive maps
- User defined geofence alerts
- Location reporting

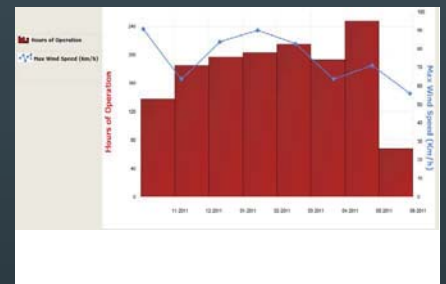
CraneSTAR uses cellular data transmission to relay the location of your crane anywhere in the world. Once your crane moves outside the job space parameters, you will be alerted via the geofence alert. Your crane will also send a signal if the engine is started after relocation, to show that the crane is ready for work.

Knowing where every piece of your equipment is at all times not only helps you keep track of your fleet, it eliminates worry over security concerns.



How CraneSTAR helps you... keep your crane healthy

CraneSTAR lets you keep track of every aspect of your crane, which helps prevent maintenance issues and potential breakdowns. With caution alerts, regular maintenance intervals and abnormality codes, you will operate more productively and efficiently.



Maintenance Intervals

CraneSTAR increases your crane's productivity by alerting you prior to a planned maintenance event, so you never have to remember when you should schedule routine maintenance.



Notifications

You have the option to receive email notifications with operational data on your crane so you can stay on top of your fleet's productivity no matter where you are.



Manitowoc Cranes

2401 South 30th Street
Manitowoc, WI 54220 US

Tel: +1 920 684 6621

Fax: +1 920 683 6278

www.manitowoccranes.com